



SEQUENCE LISTING

<110> MURPHY, GEORGE L.
WHITLEY, J. PENN

<120> METHOD AND SYSTEM FOR DEPLETING rRNA POPULATIONS

<130> AMBI:076WO

<140> UNKNOWN

<141> 2002-12-20

<150> 10/029,397

<151> 2001-12-20

<160> 92

<170> PatentIn Ver. 2.1

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<220>

<223> Description of Artificial Sequence: Synthetic
Primer

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22

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

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23

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 3

cgcccagtaa ttccgattaa cgc

23

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Primer

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 <213> Bacillus subtilis

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<210> 24

<211> 1544

<212> DNA

<213> *Bacillus anthracis*

<400> 24

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<210> 25

<211> 1449

<212> DNA

<213> *Enterococcus faecalis*

<400> 25

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<210> 26

<211> 1548

<212> DNA

<213> *Lactococcus lactis*

<400> 26

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<210> 27

<211> 1524

<212> DNA

<213> *Listeria monocytogenes*

<400> 27

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<210> 28

<211> 1555

<212> DNA

<213> *Staphylococcus aureus*

<400> 28

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<211> 1551

<212> DNA

<213> Streptococcus mutans

<400> 29

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<210> 30

<211> 1515

<212> DNA

<213> Streptococcus pneumoniae

<400> 30

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gcatgacatt	tgcttaaaag	gtgcacttgc	atcactacca	gatggacctg	cgttgtatta	240
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cgtaaagctc	tggtgtaaga	gaagaacgag	tgtgagagtg	gaaagtccac	actgtgacgg	480
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cagccgtttg ggaga 1515

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<210> 31

<211> 1335

<212> DNA

<213> *Streptococcus pyogenes*

<400> 31

```

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gtttgtaaca cccga 1335

```

<210> 32

<211> 1465

<212> DNA

<213> *Mycobacterium avium*

<220>

<221> modified_base
 <222> (298)..(881)
 <223> N = A, C, G or T/U

<400> 32

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```

<210> 33

<211> 1536

<212> DNA

<213> *Mycobacterium tuberculosis*

<400> 33

```

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aagtcgaacg gaaaggtctc ttccggagata ctcgagtggc gaacgggtga gtaacacgtg 120
ggtgatctgc cctgcacttc gggataagcc tgggaaactg ggtctaatac cggataggac 180
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```

<210> 34
<211> 1536
<212> DNA
<213> Escherichia coli

```

```

<400> 34
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```

<210> 35
<211> 1534
<212> DNA
<213> Klebsiella pneumoniae

```

```

<220>
<221> modified_base
<222> (11)..(12)
<223> N = A, C, G or T/U

```

```

<400> 35
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```

```

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agaccaaagt gggggacctt cgggcctcat gccatcagat gtgcccagat gggattagct 240
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```

<210> 36

<211> 1485

<212> DNA

<213> ACTINOBACCILUS ACTIN

<220>

<221> modified_base

<222> (208)..(1476)

<223> N = A, C, G or T/U

<400> 36

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```

```

<210> 37
<211> 1487
<212> DNA
<213> Haemophilus influenzae

```

```

<220>
<221> modified_base
<222> (1)..(1387)
<223> N = A, C, G or T/U

```

```

<400> 37
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<210> 38
<211> 1532
<212> DNA
<213> Bordetella bronchiseptica

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cggaacgtgc ccagtagcgg gggataacta cgcgaaagcg tggctaatac cgcatacgcc 180

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<210> 39

<211> 1485

<212> DNA

<213> Bordetella parapertussis

<400> 39

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<210> 40 '
 <211> 1464
 <212> DNA
 <213> Bordetella pertussis

<220>
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 <223> N = A, C, G or T/U

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<210> 41
 <211> 1535
 <212> DNA
 <213> Burkholderia cepacia

<400> 41
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<210> 42
<211> 1488
<212> DNA
<213> Burkholderia mallei

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<210> 43
<211> 1610
<212> DNA
<213> Burkholderia pseudomallei

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<400> 43

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<210> 44

<211> 1544

<212> DNA

<213> *Neisseria gonorrhoeae*

<400> 44

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<210> 45

<211> 1544

<212> DNA

<213> *Neisseria meningitidis*

<400> 45

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<210> 46

<211> 1537

<212> DNA

<213> *Pseudomonas aeruginosa*

<400> 46

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```

<210> 47
<211> 1467
<212> DNA
<213> Vibrio cholerae

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<220>
<221> modified_base
<222> (928)..(1464)
<223> N = A, C, G or T/U

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```

<400> 47
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cctcgcaaga gcaaagcagg ggaccttcgg gccttgcgct accggatatg ccaggtggg 240
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gtttaacctt cgggaggacg cttncce 1467

```

<210> 48
 <211> 1485
 <212> DNA
 <213> *Yersinia enterocolitica*

<220>
 <221> modified_base
 <222> (1)..(1484)
 <223> N = A, C, G or T/U

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```

<210> 49
 <211> 2927
 <212> DNA
 <213> *Bacillus subtilis*

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<400> 49
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<210> 50

<211> 2922

<212> DNA

<213> *Bacillus anthracis*

<400> 50

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<210> 51

<211> 2912

<212> DNA

<213> Enterococcus faecalis

<400> 51

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<212> DNA

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<400> 52

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<210> 53

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<212> DNA

<213> *Listeria monocytogenes*

<400> 53

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<212> DNA

<213> *Staphylococcus aureus*

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<211> 2900

<212> DNA

<213> Streptococcus mutans

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<213> Streptococcus pneumoniae

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<211> 2901

<212> DNA

<213> *Streptococcus pyogenes*

<400> 57

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<211> 3107

<212> DNA

<213> *Mycobacterium avium*

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<211> 3138

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2903

<210> 61

<211> 2903

<212> DNA

<213> *Klebsiella pneumoniae*

<400> 61

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<210> 62

<211> 2897

<212> DNA

<213> *Haemophilus influenzae*

<400> 62

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<211> 2878

<212> DNA

<213> Burkholderia cepacia

<400> 66

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<212> DNA

<213> Burkholderia mallei

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<211> 2882

<212> DNA

<213> Burkholderia pseudomallei

<400> 68

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<212> DNA

<213> *Neisseria gonorrhoeae*

<400> 69

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<211> 2891

<212> DNA

<213> Neisseria meningitidis

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<211> 2891

<212> DNA

<213> *Pseudomonas aeruginosa*

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<212> DNA

<213> *Vibrio cholerae*

<400> 72



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2886

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<210> 73
 <211> 2906
 <212> DNA
 <213> *Yersinia enterocolitica*

<220>
 <221> modified_base
 <222> (1168)..(1178)
 <223> N = A, C, G or T/U

<400> 73

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<210> 74

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

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23

<210> 75

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 75

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23

<210> 76
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 76
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23

<210> 77
<211> 23
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Primer

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23

<210> 78
<211> 23
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Primer

<400> 78
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23

<210> 79
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<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 79
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22

<210> 80
<211> 23

<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Primer

<400> 80
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<210> 81
<211> 23
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 81
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<210> 82
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<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 82
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<210> 83
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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Primer

<400> 83
ggttcttttc acctttccct cgc 23

<210> 84
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 84

tggtttcagg ttctatttca ctc

23

<210> 85

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 85

tttaaccgac aaggaatttc gc

22

<210> 86

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 86

ggttcttttc acctttccct cgc

23

<210> 87

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 87

taacctggtc gtaac

15

<210> 88

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 88

AI

cccccccccc cccc

14

<210> 89

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 89

gccctaacc tcgtcg

16

<210> 90

<211> 26

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Primer

<400> 90

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26

<210> 91

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 91

cggccctaac ctggtcgtaa ctcg

26

<210> 92

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 92

aggcttcgat cccgggatcc gcg

23

Al